

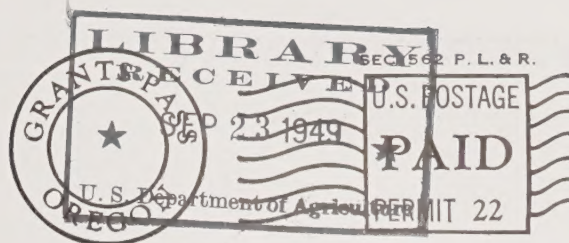
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# HARROLD'S REVIEW

June 25, 1949

Vol. 8, No. 2.

WHOLESALE  
PRICES FOR THE  
PROFESSIONAL

HARROLD'S PANSY GARDENS & GREENHOUSES.

P. O. BOX 29 — GRANTS PASS, OREGON.

## FREE AIR-MAIL SERVICE ON SEEDS

Our firm pioneered this extra service more than 15 years ago. In many cases it shortens the transit time as much as four days, and a week in some cases. There is not much saving in the first 750 miles for that is just one day away. As has been our past policy we will ship by Air-Mail FREE, any seed order arriving by Air-Mail accompanied by proper remittance in accord with our published sales terms. Excepted under this offer are seeds selling at less than \$2.50 per ounce or \$40.00 per pound, also C. O. D. orders are not included or shipments outside the United States. In cases where distance or time of shipment gives no earlier delivery than the use of regular mail we will use our best judgement. Please check your order over and make sure that it conforms to sales terms where this FREE service is desired.

PLEASE ORDER IN TIME to allow normal processing and delivery by your planting date. Our office staff works a 5 day week and orders arriving after noon on Friday can not be forwarded until the following week. In cases of peak demand for short periods all shipping will go on a rotation basis in sequence of orders arrival. Always it is our wish to serve you promptly and well.

PLANTS AND BULBS are not included in this Air Transport offer because of the weight to value ratio. Neither can we supply Air-Freight service at this time for there are no regular freight schedules. Air Express service can be supplied when requested but charges for this will be on a collect basis only.

WE SUPPLY A 5000 WORD PANSY CULTURE BOOKLET WITH EVERY ORDER.



Pansies have always been a major specialty with us and our breeder and grower, C. W. HARROLD, is probably the oldest living Pansy Specialist both in years of experience and age. He is actively in charge of this work at 77 as he has been for over forty-seven years and to his efforts may be credited several firsts in this field. Through his efforts our gardens have introduced more new and improved varieties and strains than any other single breeder during the past thirty years. Many of these are of special purpose type which have been entirely exclusive with us. Our work has been entirely based on quality and price has been secondary in so far as any limitation of quality is concerned. Evaluation made on a basis of quality will show our prices to be economical as is proven by constantly wider use of our seeds from year to year. We make no effort at competition on a strictly price basis. Quality considered, you should find these worthy of your careful consideration. We hope we may serve you.

## VARIETY DESCRIPTIONS OF HARROLD - ORIGINATIONS

The following is a brief description of the PANSY varieties that have been originated and introduced by us during the past twenty-five years. Each variety is outstanding in its particular type and we do not believe that any superior variety is to be obtained in the market today. In breeding and developing this group of varieties, it has been our goal to see that they ARE NOT excelled.

### OUTSTANDING MIXTURES

**HARROLD'S PEDIGREED GIANT ART-SHADES** — A much improved strain of the Harrold's Pedigreed Giant variety. Better color range, flower size and plant habit. The finest "Exhibition" type with lively colors, small center blotch and usually two zones of contrasting color. Also many self colors and penciled markings. Our largest flowering sort, having produced 5 inch blooms.

**HARROLD'S PEDIGREED SWISS GIANTS** — Our latest and the finest "Fancy" type Pansy. The ultimate in flower size and color range in this type. Plants are compact and sturdy. Nearly all flowers have the large blotched center that is so characteristic of the Fancy type of Pansy. Heavy substance and velvety texture.

**HARROLD'S PEDIGREED GIANTS** — This outstanding "Exhibition" type was introduced by us in 1929 and has maintained its popularity through the years. Flowers are very large on compact, robust plants that produce a most varied range of bright colors. The flower markings are typically "Exhibition" type. A real bread and butter sort for the commercial grower.

DESCRIPTION OF HARROLD'S PEDIGREED PANSIES continued on next page.



This group picture shows specimens of Harrold's Pedigreed Strain Pansies. They are outstanding for their size and colorful markings. Bowl in this picture is eight inches in diameter. Compare flower size.

## THE COST OF SEEDS

The difference in the cost of HARROLD'S PEDIGREED STRAIN SEEDS and common, run of the mill stock is so slight, considering the larger costs of growing labor, that using them is an economy. Their potential for good results, when given good culture makes them an outstanding value.

Starting with the best of seeds is the first step in profitable production but it must be remembered that the best of seeds will give satisfactory results only with proper culture. May we co-operate with you in making this a season of good results and profits.

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## HARROLD'S PEDIGREED PANSIES CONTINUED

**HARROLD'S ALL-AMERICAN BEDDING MIXTURE**— This is a blended mixture of which 80% is from ALL the Harrold variety originations and the balance of 20% is from the many other varieties which we grow or receive from other sources. This is a very useful, general purpose mixture and it is an outstanding value in the medium price range. Giant flowers and a very wide color range.

**HARROLD'S IMPROVED SWISS**— Where a fancy "Swiss" type is needed at a price this one is to be highly recommended. Not as good as our Harrold's Pedigreed Swiss Giants, of course, but it is not excelled by strains of this type offered as Super-Swiss. It is unusually suited in color, size and habit to the demands of the American market.

## NOVELTIES

**HARROLD'S GIANT ATOMIC DAWN: OUR 1949 NOVELTY**— Something quite different in Pansies. Pastel shades of pink, delicate blue, light gold and apricot blending in many multi-color combinations including many orchid-like shades with exquisite flower form. A giant in this type but not as large as Art Shades. Markings are selfs, penciled and blotched.

**HARROLD'S PEDIGREED NOVELTIES**— These are a blend of new types and colors from our breeding department. Recommended where the unusual is wanted.

**HARROLD'S SUNSET GIANTS**— (NOVELTY) Sunset shades of orange, red and gold. Giant size in blotched and ray markings. Highly recommended.

**HARROLD'S PEDIGREED POT PANSIES**— A short, compact growing type adapted to pot and porchbox growing. Flowers very large and colors excellent.

**HARROLD'S PEDIGREED CUT-FLOWER PANSIES**— We have two distinct types of these and depending on the requirements of your culture and market either selection has a definite value and use.

**ORIGINAL STRAIN:** This was our first type offered nearly twenty years ago. Growth is rather low but under glass the flowers are large and on stems 8 to 10 inches long. Color range is more varied and they are completely as hardy as any bedding variety. May be grown out of doors.

**TALL SELECTION:** These grow very tall for Pansies; up to 4½ feet and stems are usually 10 to 16 inches long and quite stiff when greenhouse grown. Color range is the best we know of in any of the really tall strains and flower size is quite good with proper culture. Plants of these will freeze at below 25 plus.

## FORMAL COLORS

**HARROLD'S AZURE GIANTS**— THE FINEST intensely blue Pansy.

**HARROLD'S GOLDEN GIANTS**— Deep golden yellow with velvety blotch.

**HARROLD'S RUBY GIANTS**— Shades of red in the finest range. Very fine.

## PANSY CULTURE

**AMOUNT OF SEED NEEDED:**— Pansy seeds average from 21,000 to 26,000 seeds per ounce. Germination tests will run from the middle seventies to the high nineties but due to unavoidable losses in the normal process of cultural germination you should plant an ounce of seed for each 7,000 to 10,000 plants wanted. Quite frequently we have reports of 15,000 or more produced from an ounce of our seeds but it is not safe to count on so high a production.

**GERMINATION PERIOD:**— In July and August, conditions being reasonably good, germination will occur in 7 to 10 days. As weather becomes cooler the period will lengthen by 4 to 6 days. In the hot months percentage of plants produced by the same seeds will be less than during the cooler weather of the late weeks of the planting season and more attention will have to be exercised in the care given, especially in the matter of moisture. COMPLETE failure is easily possible with the best of seeds if they are allowed to become too dry between the time of planting and until germination has been completed.

**TIME OF PLANTING:**— For commercial planting the grower usually starts in June with the cut Flower and Pot varieties or for fall and winter blooming stock used in the milder sections of the country. Generally the heaviest plantings are made in July and August. Where weather stays moderate, plantings may be made outdoors as late as October 20th with good results. Greenhouse plantings may be made in December, January and up to February 20th to obtain fine young stock for April, May and June setting.

**PLANTING:**— Seed bed should be well prepared to a depth of 8 or 10 inches. See that bed is well watered before planting by watering for several days prior to sowing the seeds so as to store up as much moisture as possible in the soil. Seeds may be planted broadcast or in drills. For reasons of cultivation and ease of controlling moisture, we plant in drills at the bottom of a miniature V shaped trench about an inch deep and 2 inches across the top. Planting in drills aids in cultivation after plants are up and this way of planting forms moisture reservoirs between the rows aiding in obtaining good germination in hot weather. Rows may be from 3 to 5 inches apart. Cover seeds LIGHTLY with pure granulated peat moss, peat moss and sandy loam or screened sandy loam. NEVER cover more than ¼ inch deep DO NOT allow beds to become dry at any time during days of active germination. DO hold beds on the dry side after germination has taken place to avoid development of trouble with damping off. Beds will require protection from hot sun in the summer months until plants have their fourth leaves. Lath shading frames, burlap or similar material may be used.

The above is for planting in ground beds or cold-frames. In hot weather we do not advise planting in flats although this may be done if careful attention is given to the more rigid cultural requirements. Planting in flats IS recommended when planting in winter indoors. Our cultural booklet accompanying all shipments of Pansies gives complete details of both types of culture.

**TRANSPLANTING:**— Pansies should be transplanted but once by the commercial grower. This means the plants are twice transplanted by the time the blooming bed is set and more transplanting will reduce flower size and quality. You should NEVER transplant before the plant has at least six leaves; preferably 8 to 10. If plants are to be wintered in outdoor beds, October and November transplanting is advised after the hot weather has passed and before severe freezing of the ground occurs. With light protection — evergreen boughs or shading frames; or such material as marsh hay or straw, Pansies will winter in open beds at temperatures many degrees below zero. They will stand down to ten degrees above without any protection if transplanted fairly early.

**SOIL:**— Pansies may be successfully grown in ANY RICH garden soil that is WELL drained. They do best in a soil of good humus content and respond well to the liberal application of cow manure. A 4-12-4 commercial fertilizer will be satisfactory and blood meal or bone meal may be used properly with good results. An application of Ammonium Sulphate, one ounce per gallon of water will usually yield tonic effect in early spring but should not be applied too early or frost damage may result. Acidity should be pH 6½ or Sudbury B.

## HARROLD'S PEDIGREED SEED

## HARROLD'S UNUSUAL NOVELTIES

VARIETY	PER 500 seed pkt. (⅔-oz.)	¼-oz.	1-oz.	2-ozs.
<b>HARROLD'S PEDIGREED NOVELTIES.</b>		\$2.00	\$5.00	\$17.50
<b>HARROLD'S ATOMIC DAWN:</b> Our most unusual colors.		4.00	10.00	.....
<b>HARROLD'S SUNSET GIANTS.</b> Our 1944 NOVELTY introduction. Sunset tints of orange, gold & red.		2.00	5.00	17.50
<b>HARROLD'S PEDIGREED POT PANSIES.</b> For pot and box culture.		1.50	4.00	15.00
<b>HARROLD'S PEDIGREED CUT FLOWER PANSIES.</b>				
Improved Tall Selection.		2.00	5.00	17.50
Original Strain.		1.50	4.00	12.00

## HARROLD'S SELECT FORMAL COLORS

VARIETY	PER 1,000 seed pkt. (⅓-oz.)	¼-oz.	1-oz.	2-ozs.
<b>HARROLD'S AZURE GIANTS:</b>	\$1.00	\$2.00	\$3.75	\$7.25 \$14.00 \$.....
<b>HARROLD'S GOLDEN GIANTS:</b>	1.00	2.00	3.75	7.25 14.00 .....
<b>HARROLD'S RUBY GIANTS:</b>	1.00	2.00	3.75	7.25 14.00 .....

## HARROLD'S OUTSTANDING GIANT MIXTURES

VARIETY	PER 1,000 seed pkt. (⅓-oz.)	¼-oz.	1-oz.	2-ozs.
<b>HARROLD'S PEDIGREED GIANT ART-SHADES:</b>	1.00	2.50	4.75	9.25 18.00 32.00
<b>HARROLD'S PEDIGREED SWISS GIANTS:</b>	1.00	2.50	4.75	9.25 18.00 32.00
<b>HARROLD'S PEDIGREED GIANTS:</b>	1.00	2.00	3.75	7.25 14.00 26.00
<b>HARROLD'S ALL-AMERICAN BEDDING MIXTURE:</b>	1.00	1.75	3.25	6.25 12.00 20.00
<b>HARROLD'S IMPROVED SWISS.</b>	1.00	1.75	3.00	5.75 11.00 19.00

BY THE POUND Multiply the ounce rate by 10. Four ounces up at pound rate.

STANDARD PANSY VARIETIES  
AMERICAN GROWN SEED

In this group we offer a most complete line of well known American strains in the finest stock of each available. Our prices are competitive with seeds of equal quality from any other source and this selection is offered so that you can make Harrold's your complete Pansy and Viola headquarters.

## POPULAR MIXTURES

VARIETY	PER 1,000 seed pkt. (⅓-oz.)	¼-oz.	1-oz.	2-ozs.
<b>Early Pansy America:</b> Good size & color.	\$ .75	\$1.50	\$2.75	\$5.00 \$ 9.00 \$17.50
<b>Engleman's Giant:</b> Dark and light shades.	.75	1.75	3.25	5.75 10.00 19.00
<b>Geneva Giants:</b> A select super-swiss strain.	1.00	1.75	3.25	6.25 12.00 22.00
<b>Jumbo Mixed:</b> (Steele) Harrold grown first generation re-selected from orig. stock. ..	1.00	1.75	3.25	6.25 12.00 22.00
<b>Maple Leaf Giants:</b> Robust and compact.	.75	1.50	2.75	5.00 9.00 17.50
<b>Orchid Pastel Mixture:</b> Various offered as Butterfly or Hybrids. ....	2.00	4.00	7.00	13.50 26.00 50.00
<b>Oregon Giants:</b> Mixed types of good size.	1.00	1.75	3.00	5.75 11.00 20.00
<b>Super Maple Leaf:</b> Improved re-selection.	1.00	1.75	3.00	5.75 11.00 20.00
<b>Scottish Exhibition Mixed:</b> A nice blend.	1.00	1.75	3.00	5.75 11.00 20.00
<b>Super Swiss Mixed:</b> Select 5 blotched.	1.00	1.75	3.00	5.75 11.00 20.00
<b>Swiss Giant Mixed:</b> 3 & 5 blotch marking.	.75	1.50	2.75	5.00 9.00 17.50
<b>Dwarf Swiss Mixed:</b> Dwarf habit large fl.	1.00	1.75	3.00	5.75 11.00 20.00
<b>Trimardeau Giants:</b> Good bedding type. ..	.75	1.25	1.75	3.25 6.00 10.00

BY THE POUND Multiply the ounce rate by 10. Four ounces up at pound rate.

## SEPARATE COLOR VARIETIES

This separate color group affords a wide selection and is, we believe, the finest selection available from a single source in this country.

VARIETY	PER 1,000 seed pkt. (⅓-oz.)	¼-oz.	1-oz.	2-ozs.
<b>Coronation Gold:</b> Largest pure yellow self. ....	\$1.00	\$2.00	\$3.25	\$6.25 \$12.00
<b>Delft Blue:</b> Porcelain blue. ....	1.00	2.00	3.75	7.25 14.00 .....
<b>Baby Delight:</b> Miniature Pansy about 8" high. Flowers light blue, face; size of a quarter. ....	1.00	1.40	2.25	4.25 8.00 .....
<b>Mrs. A. H. Scott:</b> Miniature, Beaconsfield coloring.	1.00	1.40	2.25	4.25 8.00 .....

## SWISS GIANT TYPE SEPARATE COLORS.

<b>Alpenglow:</b> Dark red shades. ....	1.00	2.00	3.25	6.25 12.00
<b>Black King:</b> Largest size black Pansy. ....	1.00	2.50	4.75	9.25 18.00
<b>Blumlisalp:</b> Soft pink & rose velvet blotch. ....	1.00	2.50	4.75	9.25 18.00
<b>Fire Beacon:</b> Wallflower red, velvet blotch. ....	1.00	2.00	3.25	6.25 12.00
<b>Lake Of Thun:</b> Thuner Sea or Ulswater Blue. Very brilliant blue, dark center. ....	1.00	2.00	3.25	6.25 12.00
<b>Orange Giant:</b> Rich light orange self. ....	1.00	4.00	7.50	12.00 22.00
<b>Pure White:</b> Ruffled white of good size. ....	1.00	2.00	3.25	6.25 12.00
<b>Raspberry Rose:</b> Soft pink, velvety wine blotch. ....	1.00	2.25	4.00	6.75 12.00
<b>Rheingold:</b> Deep yellow, dark blotch. ....	1.00	2.00	3.25	6.25 12.00



## HORTICULTURISTS SINCE 1902

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**NO WARRANTY** - Because of unknown conditions of culture and varying skill of the purchasers, we HARROLD'S give no warranty, expressed or implied, as to the productiveness of any seeds, bulbs or plants sold and we will assume no responsibility for the crop. Our liability in all instances is limited to the purchase price received. Claims must be made within ten days of receipt of goods.

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## IMPORTED PANSY SEED

This imported Pansy seed is from the foremost European specialists, our same pre-war source of these varieties. This group affords some added types of interest and supplies cheaper seeds where price is a major consideration. The mixtures do in some respects differ from those produced by American specialists and for that reason add novelty and scope to your selection. The bedding type separate colors are useful where a mass of bright color is desired rather than very large sized individual flowers.

## USEFUL MIXTURES

VARIETY	PER 1,000 seed pkt. (1/3-oz.)	1/4-oz.	1/2-oz.	1-oz.
Bugnot's Superb Blotched: Fancy type mixture.	\$ .50	\$ .90	\$1.25	\$2.25
Cassier's Three & Five Blotched: Fine mixture.	.50	.90	1.25	2.25
Odier's Giant Five Blotched:	.50	.90	1.25	2.25
Orchid Flowered Mixed: Delicate pastel shades.	1.00	2.00	3.25	6.25
Swiss Giant Improved: Quite a good strain.	.50		2.25	4.00

## BEDDING TYPE GIANTS IN SEPARATE COLORS

These do not compare in flower size with other separate colors we offer in the above group of American strains. They are valuable because they afford colors distinctly characteristic of this group and they do come truer from seed than the larger flowering sorts. For borders to give a mass effect or for brilliant and striking beds planted to a color plan these are recommended.

VARIETY	PER 1,000 seed pkt. (1/3-oz.)	1/4-oz.	1/2-oz.	1-oz.
<b>GIANT TRIMARDEAU:</b> A French group that has been used for years and is probably the best known for their brilliant, large flowers.				
Adonis: Light blue with white eye.	\$ .50	\$ .90	\$1.25	\$2.25
Candidissima: Snow white.	.50	.90	1.25	2.25
Cardinal Red: As named. Showy.	.50	.90	1.25	2.25
King Of The Blacks: Black-purple.	.50	.90	1.25	2.25
Lord Beaconsfield: Violet blue and white.	.50	.90	1.25	2.25
Prince Henry: Rich dark blue.	.50	.90	1.25	2.25

**GIANT BEDDING:** Another group of brilliant coloring for borders or beds.

Orange King: Brilliant orange & apricot.	.50	.90	1.25	2.25
St. Knud: Deep orange yellow.	.50	.90	1.25	2.25

**HIEMALIS:** Sometimes listed as Ice Pansies because of their extremely early flowering habits. Flower size just about half that of American Giant types but freely produced.

Blue Boy: Silvery lilac.	.50	.90	1.25	2.25
Celestial Queen: Brilliant sky blue.	.50	.90	1.25	2.25
Claret: Deep wine red.	.50	.90	1.25	2.25
March Beauty: Dark velvety purple.	.50	.90	1.25	2.25
Northpole: Glistening pure white.	.50	.90	1.25	2.25
Orion: Pure golden yellow.	.50	.90	1.25	2.25

## Viola Seeds

## THE MOST VALUABLE AND OUTSTANDING VARIETIES

Have you considered Violas recently? They are a useful addition to your Pansy line and in many places where they have been offered they have developed a profitable demand. Normally this demand will usually not exceed 10% to 25% of your Pansy demand but in many instances that is definitely worthwhile.

The culture is so identical with that of Pansies that they may be planted and handled in the same way with very satisfactory results. They may be set in fall or spring into the flowering beds in the same manner and if any difference is noted it is that they are a bit harder and more easily wintered than Pansies. We suggest that if you haven't tried them yet in your market you make a planting of three or four packets in the most popular colors and see how easily they are grown and how the customers go for them once they see some of these modern varieties in bloom.

## GEM VARIETIES

This is a group of four colors and mixture that is possibly best known by the habit but vary some in flower form. White and Yellow Gem rather closely resemble Jersey Gem. Lavender Gem produces a flower that is a bit smaller and less full in form. All bloom profusely over a very long season.

VARIETY	PER 1,000 seed pkt. (1/3-oz.)	1/4-oz.	1/2-oz.	1-oz.
Jersey Gem: Compact violet blue.	\$1.00	\$2.50	\$4.75	\$9.00
Lavender Gem: Brilliant lavender blue.	1.00	2.50	4.75	9.00
White Gem: A very fine giant pure white.	1.00	2.50	4.75	9.00
Yellow Gem: A large very bright yellow.	1.00	2.50	4.75	9.00
Gem Varieties Mixed: All the above blended.	1.00	2.50	4.50	8.50

## VIOLA CORNUTA and HYBRIDA

This group covers many varieties of much interest to the grower. The strains are the best obtainable and uniformity is unusual for this type of stock.

VARIETY	PER 1,000 seed pkt. (1/3-oz.)	1/4-oz.	1/2-oz.	1-oz.
Admiration: Large dark blue.	\$ .75	\$1.00	\$2.00	\$3.75
Apricot: Apricot yellow tinted orange.	1.00	1.75	3.00	5.75
Arkwright Ruby: Ruby red blotched center.	1.00	1.50	2.25	4.25
Blue Elf: Top deep violet, bottom lighter.	.75	1.50	2.50	4.75
Blue Perfection: Large purple blue.	.75	1.50	1.75	3.25
Chantrelleland: Finest pure apricot.	.75	1.50	2.50	4.75
Iona: Rose shade, lavender tinge.	1.00	1.50	2.25	4.25
Gustav Wermig: Long stemmed violet-blue.	1.00	1.50	2.25	4.25
King Henry: (Purple King) Rich violet blue.	1.00	1.75	3.25	6.25
Lutea Splendens: Clear golden yellow.	.75	1.50	2.25	4.25
Papilio Light Blue: Soft blue, white center.	.75	1.50	2.50	4.75
Blue Perfection: Large pure white.	.75	1.25	2.25	4.25
Improved Scotch Bedding: Newest bedding hybrids	.75	1.25	2.25	4.25

## BEGONIA SEEDS

## Semperflorens — Fibrous Rooted

This stock is the finest obtainable being grown by two of the foremost specialists in this field. They make profitable pot and bedding plants that are quite easily grown.

**SEMPERFLORENS TYPES:** Bushy and compact with large flowers.

VARIETY	Price per packet
Bois de Vaux Rose: Compact pyramidal. Green foliage edged red.	\$ .75
Christmas Cheer: Brilliant cherry crimson, bronze foliage.	.75
Christmas Pink: Bright pink, bronzy foliage.	.75
Coral Prize: Coral rose, green foliage with bronze edge.	.75
Elegance: Large pink, white center. Foliage green.	.75
Enchantress: Fresh shade of rose, green foliage.	.75
Erfordia: Dwarf rosy carmine.	.75
Essen: Scarlet flowers, bronzy foliage.	.75
Fire Sea: Firey red, green foliage.	.75
G. Knaack: Large salmon pink, green foliage.	.75
Lucifer: Bright salmon scarlet, green foliage.	1.00
Masterpiece: Large clear pink, green foliage.	.75
Pink Radio: A large, glowing, rich rose.	.75
Scandinavia: Very large flowered pink, green leaves.	1.00
Scandinavia Red: Same as the pink only large red flowers.	1.00
Silver Wings: Large pure white with bright green foliage.	.75
Snow: A very fine pure white. Green foliage.	.75
Vernon: Blood red with dark bronze leaves.	.75
Winter Romance: Carmine rose with green foliage. Very large.	.75
Zahringer: Flesh pink edged deep rose, green foliage.	1.00

**GRACILIS TYPES:** More dwarf and compact than the above.

Adeleine: Compact carmine rose.	.75
Carmen: Rose pink, green bronze foliage.	.75
Indian Maid: Bright scarlet, reddish bronze foliage.	.75
Luminosa: Deep scarlet, bronze foliage.	.75
Prima Donna: Rose shaded carmine, bronze foliage.	.75
White Pearl: White with green leaves.	.75
Snow Queen: Fine new pure white. Large flowers for this type.	1.00
Pot and Bedding Mixture: A fine blend of all these types.	.75

PACKETS CONTAIN OVER 1,000 SEEDS EACH

1/2 pkts. of \$1.00 varieties 60¢; 75¢ varieties 45¢ each.

## FINE CINERARIA SEED

VARIETY	Price per 1,000 seeds	1/4-oz.	1/2-oz.
<b>BERLIN MARKET:</b> (Potsdam or Weissensee) Large heads of fairly large flowers, mostly white centered. Rich colors.	\$1.00	\$1.75	\$6.00
<b>CRAMERS PRIZE:</b> (Reselected) Very large heads, medium small flowers in rich shades mixed.	1.25	2.50	9.00
<b>C. S. &amp; M. MIXED:</b> A universal blend of Cramers, Sitters & Multiflora that meets a general average need.	1.25	2.50	9.00
<b>GRANDIFLORA:</b> Semi-dwarf. Large flowers in rich shades on compact plants. Very useful.	1.00	1.50	5.50
<b>HOWARD &amp; SMITH CALIFORNIA SUPER GIANTS:</b> Outstanding large flowers often 4 inches across in large basal branched heads. Plants 12 to 16 inches tall and the color range is brilliant and most varied.	1.25	2.50	9.00
<b>MULTIFLORA NANA HYBRIDA:</b> Attractive flowers of medium size in large heads with yellow centers. Mostly self colors. A compact, good shipping plant.	1.00	2.00	7.00
<b>SITTER'S RAINBOW MIXTURE:</b> Immense heads of medium flowers with white eye and small foliage.	1.25	2.25	9.00

DELPHINIUM SEEDS  
PACIFIC GIANT HYBRIDS

Without doubt these are the finest Delphiniums available today. Coming quite true from seeds the flowers are heavy double and stems are tough and willowy. We recommend chilling the seeds at about 34 degrees for 24 hours just before planting as this improves germination.

<b>BLACK KNIGHT</b> — Dark colors of velvety texture.
<b>BLUE BIRD</b> — Mid blue with white bee.
<b>BLUE JAY</b> — A true intense blue.
<b>CAMELIARD</b> — Pure lavender.
<b>GALAHAD</b> — The finest pure white Delphinium available.
<b>GUINEVERE</b> — Light pink-lavender. Very dainty.
<b>KING ARTHUR</b> — Royal violet with white bee.
<b>LANCELOT</b> — Pure lilac with white bee.
<b>ROUND TABLE</b> — A mixture of selected colors.
<b>SUMMER SKIES</b> — Clear light blue.

1/4-oz., \$1.25; 1/2-oz., \$2.25; 1/4-oz., \$3.75; 1/2-oz., \$7.25; 1-oz., \$14.00

## PRIMULA MALACOIDES

A fine, new, giant flowered strain of much value. Extremely large flowers on heavy stems born well above sturdy, well formed plants. Makes an ideal pot plant.

<b>DOUBLE CAMEO:</b> NEW Orchid lavender. Very outstanding.	\$1.50 per pkt.
<b>DOUBLE FAIRY JEWELS:</b> Rich rose pink.	1.50 per pkt.
<b>DOUBLE FIRST LADY:</b> NEW. White with pink tinge.	1.50 per pkt.
<b>DOUBLE TWINKLES:</b> Soft flesh pink.	1.50 per pkt.
<b>DOUBLE MIXED:</b> A grand blend of the finest colors.	1.50 per pkt.
<b>SINGLE ENCHANTRESS:</b> Soft salmon rose. Very fine.	1.50 per pkt.
<b>SINGLE LAVENDER GLORY:</b> Soft mauve lavender. Very large.	1.00 per pkt.
<b>SINGLE SNOW FLAKE:</b> Pure white	1.00 per pkt.
<b>SINGLE SWEETHEART:</b> Unique bi-color, soft and pleasing.	1.50 per pkt.
<b>SINGLE MIXTURE:</b> Includes many new shades.	1.00 per pkt.

HALF PACKETS of this group will be supplied at 1/2 price plus 10¢.



## Greenhouse Forcing Strain SNAPDRAGON SEEDS

**QUANTITY DISCOUNTS**— On orders for 5 full size packets you may deduct 10%; 10 to 25 pkts., 15%; 25 pkts. or more 20%. **NO DISCOUNT** on the ¼ pkts.

**TRIAL PACKETS**— (¼ pkts.) We have for many years supplied this smaller sized packet for the convenience of the small grower or for those wanting to make trials of the newer varieties. We will not sell less than **FOUR** of these quarter packets in an order and the quantity of seed in the four about equals that of a single standard trade packet.

VARIETY	Price per ¼ pkt.	Tr. pkt.	1½-oz.
Afterglow: Very popular early bronze.	\$.30	\$.75	\$4.00
Bertha Baur: Fine orchid lavender.	.30	.75	4.00
Bronze Christmas Cheer: Bright copper. Very early.	.50	1.50	10.00
Bronze Queen: (Somerset) A fine salmon bronze.	.35	1.00	8.00
Beulah: (Smith) Outstanding rich bronze.	.50	1.50	10.00
Ceylon Court—Standard: Well known early canary yellow.	.30	.75	4.00
Ceylon Court—Dark: Darker yellow than the above.	.30	.75	4.00
Cheviot Maid Supreme: Darker than regular Maid. Popular.	.30	.75	4.00
Cheviot Maid Yellow: Very popular early yellow.	.30	.75	4.00
Cheviot Maid White: An excellent commercial white.	.35	1.00	5.00
Daybreak: Vigorous Briarcliff Rose pink. Very good.	.30	.75	4.00
Early Yellow: (Schlegel) Quality over a long season.	.40	1.25	8.00
Ethel: Bright golden yellow. Fairly early.	.35	1.00	6.00
Glorious: (Frank) Reddish copper, yellow lip. Early.	.35	1.00	7.00
Harrold's Red Improved: Deep wine red. Fairly early.	.35	1.00	6.00
Kirkwood Beauty: A very attractive glowing bronze.	.35	1.00	5.00
Kirkwood Bronze: A very fine orange buff. Early.	.30	.75	4.00
Klondike Supreme: A late flowering deep yellow.	.35	1.00	6.00
La France: (Windmiller) Outstanding satiny pink ruffled.	.40	1.25	8.00
Lucky Strike: A good and very popular pure white.	.30	.75	4.00
Marie Louise: (Raasch) Strong growing sea shell pink.	.50	1.50	10.00
Maryland Pink: Large early pastel pink. Very large.	.50	1.50	10.00
Naomi: Rose pink with light touch yellow. Early & prolific.	.50	1.50	10.00
New Deal: Very early golden orange.	.35	1.00	6.00
Peggy Schumann: An outstanding quality rose pink. Large.	.50	1.50	10.00
Pink Supreme: (Rockwood) A fine cutting pink.	.50	1.50	10.00
Portland Pink: A grand rose pink of early habit.	.50	1.50	10.00
Roman Gold: Gold shaded apricot. Fairly early.	.35	1.00	5.00
Rose Orange: A new finely colored early sort.	.40	1.25	7.00
Rose Queen: (Wittertaetter) A grand deep rose.	.30	.75	4.00
Sara Lou: (Smith) A very fine commercial yellow.	.50	1.50	10.00
Schumann Yellow: Outstanding large yellow of nice shade.	.50	1.50	10.00
Snow White: (Olsen) A very useful florist white.	.35	1.00	8.00
St. Louis Early Pink: (Rowe) A quality silver pink.	.35	1.00	8.00
Sun Tan: Extra early orange tan. Very popular.	.30	.75	4.00
Terry Surprise: Rich orange shading rose. Good color.	.30	.75	4.00
Velvet Beauty: Rich American Beauty crimson.	.30	.75	4.00
Westover Fringed White: Fairly early white finely fringed.	.30	.75	6.00
Yellow Perfection: (Coates) A fine mid-season yellow.	.30	.75	4.00
Yellow Wonder: (Bezdek) Good. Early and free flowering.	.40	1.25	8.00
Florist Cut-Flower Blend: Best cut flower formula.	.30	.75	3.00

## HARDY PRIMROSES

Polyanthus - Veris Hybrids

### Harrold's Pedigreed Giants

Developed in our breeding department after many years intensive work, we believe this to be the finest in this type. The plants are pleasingly compact but of robust growth, usually about 8 to 10 inches high. Flower stems are 12 to 16 inches under good culture setting the flowers well above the foliage. The flower heads, composed of many florets which are often individually larger than a silver dollar, are often 8 inches and more across. Coloring is the most brilliant of any strain available in this type. While available in **MIXED COLORS ONLY** the blend contains yellow, red, purple and white in the more common shades plus pink, flame and bronze shades in pastel and poly-chrome combinations that are rare. A few blue shades are in the mixture. Marking of the flowers is just as outstanding with selfs, blotched and lace marked flowers.

#### FRESH TESTED SEEDS

Price Per Trade Packet, about 400 seeds, \$1.00; 3 packets for \$2.50; 1½ oz., about 1500 seeds \$4.00; ¼ oz., \$7.50; ¼ oz., \$14.00; ½ oz., \$25.00; 1 oz., \$50.00; 2 ozs., \$95.00.

#### OTHER HARDY POLYANTHUS

**OREGON GIANTS**— A giant strain from an outstanding Oregon specialist including the best of his collection. Of giant size and wide color range which is heavy in the softer shades. A very fine mixture.

**OLYMPIC GIANTS**— Still another strain from two outstanding collections grown in Washington State. Basically from Pfitzer's Colossea and English types but rebred to American habit and color standards. All of these types are better suited to American markets and climates than fresh imports.

**SEED PRICES:** These two— Per packet, about 400 seeds, \$1.00; 1½ oz., \$3.50; ¼ oz., \$6.50; ¼ oz., \$12.00; ½ oz., \$22.00; 1 oz., \$40.00; 2 ozs., \$75.00.

#### PRIMULA CASHMERIANA

Here is a variety that will be found to be most interesting. Plants are about 10 inches high and florets about ¼ an inch across, produced in large, dense heads that are very showy.

**DENTICULATA:** Lilac flowers. Seed per 300 seed packet, \$1.00; 3 for \$2.50.

(PRIMULA — Continued in next column)

#### PRIMULA CANDELABRA

Here is an interesting and valuable variety in the hardy group. It is well suited to planting around a pool or along the edge of streams. They require a good deal of summer moisture but fair drainage in the winter months when the crowns are dormant.

**P. PULVERULENTA:** Probably the most useful of the group. Flower stalks are to three feet consisting of many florets an inch or more across making colorful flower heads several inches across. Coloring is brilliant in purple and reds with orange-brown eye. A very interesting sort you will find useful.

**SEEDS:** Packet, about 400 seeds, 50¢; 3 for \$1.25; 1½ oz., \$3.00; ¼ oz., \$5.00; ¼ oz., \$8.50; ½ oz., \$16.00; 1 oz., \$30.00.

#### PRIMULA AURICULA

A popular alpine for shaded rockery. Requires alpine situation with sandy, rocky soil and free drainage. Flowers are quite large in rather medium clusters and coloring is most varied, including shades of yellow, brown, blue, red, rose and pastel shades. Usually with a beautiful contrasting center in each floret.

**SEEDS:** Per packet about 300 seeds, \$1.00; 3 packets \$2.50.

All 3 for \$2.50 packets may be assorted for variety.

## CUT FLOWER STOCKS DOUBLE GIANTS OF CALIFORNIA

These are the originator's (Macdonald) seeds and they are a valuable improvement over the Improved Bismarck Stocks from which they were bred. Plants are stronger and flowers larger with improved color and doubleness. Also when set close (4 to 6 inches each way) they produce a giant terminal spike equalling the Excelsior Column type. Given more room they develop the usual laterals.

VARIETY	Price per 1/8-oz.	1/4-oz.	1/2-oz.	1-oz.
<b>GOLDEN GATE:</b> Rich yellow.	\$.50	\$1.00	\$1.90	\$3.50
<b>MOJAVE:</b> Royal purple.	.50	1.00	1.90	3.50
<b>MONTEREY:</b> Brilliant pink.	.50	1.00	1.90	3.50
<b>PACIFIC:</b> A very fine blue.	.50	1.00	1.90	3.50
<b>REDWOODS:</b> Best blood red.	.50	1.00	1.90	3.50
<b>SANTA BARBARA:</b> Excellent chamois.	.50	1.00	1.90	3.50
<b>SANTA MARIA:</b> Very fine pure white.	.50	1.00	1.90	3.50
<b>SEQUOIA:</b> Bright rose carmine.	.50	1.00	1.90	3.50
<b>TAHOE:</b> The most desirable shade of lavender.	.50	1.00	1.90	3.50
<b>YOSEMITE:</b> Deep clear rose.	.50	1.00	1.90	3.50
<b>FANCY MIXED:</b> All the above colors blended.	.50	1.00	1.90	3.50

### The New Early Colonial Type

This new race of Stocks is of great value to the florist who wants heavy production of prime flowers over a moderately short period of time. Tall and exclusively base branching they produce no terminal spike but rather 8 or 10 spikes with 30 inch stems. Are two weeks earlier than Perpetual branching. Florets very double and about 2 inch with about 70% doubles. Highly recommended.

VARIETY	Price per 1/8-oz.	1/4-oz.	1/2-oz.	1-oz.
<b>MAYFLOWER:</b> Fine rose red.	\$.75	\$1.50	\$2.75	\$5.00
<b>PRISCILLA:</b> Silvery lavender.	.75	1.50	2.75	5.00
<b>PURITAN:</b> Glowing pure white.	.75	1.50	2.75	5.00
<b>ROSE STANDISH:</b> Bright rose.	.75	1.50	2.75	5.00
<b>CUT FLOWER BLEND:</b> All the above colors.	.75	1.50	2.75	5.00

#### PANSY PLANTS FOR FALL

Present indications are that the labor situation will permit more extensive plantings to be made this summer for plants to be shipped than since 1941. We do not, however, believe it will be possible to approach the 1,250,000 of the 1941 season and possibly no more than 60% of that quantity. Demand, on the otherhand, is greater than it was at that time. For that reason we advise our trade customers to plant at least a part of their retail requirements and we believe it will be a season with good prospects for those planting for wholesale plant sales. For those who must buy seedling or transplanted plants we shall issue a trade price list in late September but if planting in your own nursery is possible you will find it profitable to plant seeds in July or August, supplementing these plantings later if found necessary. The popularity of the Pansy will always make it one of the **MUSTS** with any plant retailer.

**TUBEROUS BEGONIA PLANTS** Are still available. See our list of May 15, 1949.

These will be available throughout July. List on request.

#### TERMS OF SALE

**PRICES**— All prices are quoted on the basis of cash with order. Except where credit has been established and reference check made, no exception to this policy will be made. **SEEDS** can be sent C. O. D. and will be forwarded that way on request providing remittance of \$1.00 accompanies order to guarantee postal fees and handling costs. Strictly cash with order, collectable at U. S. par on all orders from outside the U. S. A. **PLANTS** and **BULBS** ARE NEVER sent out on a C. O. D. basis. **ALL** prices are subject to market changes without notice and all offers are subject to stock being available on receipt of your order.

**REMITTANCE**— May be by any of the usual commercial methods of transferring funds. The amount must be in United States money collectable at par for the full amount of the order. Service charges made by paying bank in excess of normal Banking association will be charged back to the customer. We will accept postage stamps in denominations of 10¢ or smaller to the value of \$1.00 ONLY. In larger amounts they **WILL NOT BE ACCEPTED**.

**OUR RESPONSIBILITY**— In view of the reasonable prices quoted herein and the varied conditions under which this stock will be grown after leaving our care, it is manifestly impossible for us to guarantee in any manner, cultural or descriptive, the crop resulting from the use of the material listed. Ordering from this list will definitely be construed as your acceptance of these terms as set forth and it is understood that in all cases our liability shall be limited to the actual purchase price paid for any material supplied.

**ALL SEEDS SHIPPED POSTPAID — BY AIR IF YOUR ORDER COMES AIR**